# PATHFINDER — TEXAS WILDFLOWERS



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#### Scope

This Pathfinder is dedicated to guiding patrons of all ages to some wonderful resources available about Texas Wildflowers — who re-awakened us to their beauty, what to look for, and how to plant and care for them, especially in windy, dry West Texas. The Texas Wildflower Pathfinder includes print, electronic and online resources. Those print resources not available within this library may be obtained through Interlibrary Loan.

"My heart found its home long ago in the beauty, mystery, order and disorder of the flowering earth." — Lady Bird Johnson

## An Index

Rangeland Management Botany Program. <u>Celebrating Wildflowers</u>. United States Forest Service. 22 Aug. 2008 <<u>http://www.fs.fed.us/wildflowers/index.shtml</u>> (accessed November 10, 2008)

The United States Forest Service Web site — Celebrating Wildflowers — offers information about wildflowers found in our country's national forests and can be searched by forest name, region and state. The Web site offers teaching resources; games, activities and coloring pages for children; and very useful information about pollinators, native gardening, invasive plants and more. The Web site links the searcher to more than fifty ways to explore the nation's bountiful wildflower world. (Internet)

#### Subject encyclopedia

Walters, Martin, and Michael Lavelle. <u>The Illustrated Encyclopedia of Wild Flowers and</u> <u>Flora of the Americas: an Authoritative Guide to More Than 750 Native Wild Flowers of</u> <u>the USA, Canada, Central and South America</u>. London: Lorenz, 2007.

This encyclopedia offers information for more than 750 wildflowers found throughout the entire Americas. Over seventeen hundred specially commissioned watercolors, maps and photographs help the enthusiast discover which plants are suitable for various climates, altitudes and environments. There is an index available covering the entire contents of this encyclopedia. (print) Library of Congress Classification: SB439 — Dewey Classification: 582.1309703

# Directories

dmoz: open directory project. <u>Regional: North America: United States: Texas: Science and</u> <u>Environment: Plant Life <<u>http://www.dmoz.org/Regional/North\_America/United\_States/</u> <u>Texas/Science\_and\_Environment/Plant\_Life/</u>> Netscape. 25 June 2008. (accessed November 2, 2008)</u>

This Open Directory Project page is directed towards Texas environmental science plant life. Internet links offer information from the Texas AgriLife Extension office, Texas Department of Transportation, Texas Native Plant Database, wildflower legends and lore, individuals' photographs, and medical and culinary uses of native Texas plants. (Internet)

Lineberger, Dan and Jerry Parsons. <u>Wildflowers in Bloom</u> <<u>http://aggie-horticulture.</u> <u>tamu.edu/wildseed/growing.html</u>> Horticulture Program, Texas Agricultural Extension Service. 2006. (accessed November 10, 2008)

This wildflower information link is from a directory page. It is a start-to-finish, allencompassing guide for the wildflower devotee. If someone follows these guides to planting and maintaining wildflowers, they will more than likely reap the rewards of their labor. (Internet)

## **Government documents**

Texas Department of Transportation (TxDOT). <u>Wildflower Program</u>. Austin, Texas. 2008 <u>http://www.txdot.gov/public\_involvement/wildflowers/default.htm</u> (accessed Nov. 2, 2008)

This Web site, from TxDOT, exhibits the finest array of color photos of seventeen of the most recognized mature wildflowers in Texas, along with photos of the seedlings. The site presents factual wildflower information, and guidelines for planting wildflowers with a special link for bluebonnets. Over 5,000 species of wildflowers along with native grasses flourish along our state's roadsides, thanks to nature and attention from TxDOT. (Internet)

"My special cause, the one that alerts my interest and quickens the pace of my life, is to preserve the wildflowers and native plants that define the regions of our land—to encourage and promote their use in appropriate areas, and thus help pass on to generations in waiting the quiet jobs and satisfactions I have known since my childhood." — Lady Bird Johnson

#### **Government documents** — *continued*

<u>Celebrating Wildflowers: Texas Hill Country Coloring Book</u> - National Park Service - U.S. Department of the Interior <<u>http://www.nps.gov/plants/color/txhill/</u>> (accessed November 2, 2008)

Anyone who likes to color, whatever their age, will thoroughly enjoy this Web site. Over one hundred and twenty different Texas wildflower coloring pages are proffered along with a color guide for authentic reproduction, and information about the illustrator. Common flower names and scientific names can be indexed. (Internet)

## Dictionary

Holloway, Joel Ellis, and Amanda Neill. <u>Dictionary of Common Wildflowers of Texas & the</u> <u>Southern Great Plains</u>. Fort Worth, Tex.: TCU Press, 2005.

This dictionary is intended to function chiefly as a companion resource to the field guides of common flowers of Texas and the southern Great Plains. The common names for flowers in this region are usually of English or Mexican Spanish origin, although many come from several American Indian languages. Thoroughly researched and current with contemporary botanical terms, this is a book that professionals will keep in their personal libraries as a reference tool and native plant enthusiasts will keep in their cars for identifying flora along the road. (print) Library of Congress Classification: QK188 — Dewey Classification: 582.13

#### Handbooks

Paulsen, Annie. <u>The National Wildflower Research Center's Wildflower Handbook</u>. National Wildflower Research Center, Austin, Texas.: Texas Monthly Press, 1989.

This handbook offers ecology-conscious landscape designs and professional advice on using wildflowers, native grasses, shrubs, and trees in naturalistic landscapes. It can be referred to and used throughout the United States. (print) Library of Congress Classification: QK188 — Dewey Classification: 582.13

#### Handbooks — continued

Loughmiller, Campbell and Lynn Loughmiller. <u>Texas Wildflowers: A Field Guide</u>. Austin, Texas: University of Texas Press, 2006.

Updated from the 1984 edition which was praised as the first Texas wildflower book of its kind — illustrated with full-color photographs — <u>Texas Wildflowers</u> provides clear and concise descriptions and 381 full-color, close-up photos that show every wildflower in the book. Scientific and common names are given along with each flowers range, habitat and blooming season. A glossary, illustrated glossary and bibliography are available for further reading. (print) Library of Congress Classification: QK188 — Dewey Classification: 582.13

Lady Bird Johnson, author of the first edition's foreword, says of this new edition:

"How delighted I am the University of Texas Press and the Wildflower Center are preserving Campbell and Lynn Loughmiller's legacy by revising and updating this beautiful and invaluable book about Texas wildflowers! Not only does it contain a wealth of knowledge, it also awakens our awareness of the splendor of nature and joyous lift of spirit it brings."

Ajilvsgi, Geyata. Wildflowers of Texas. Fredericksburg, Texas.: Shearer Pub., 2002.

This is a great handbook for beginners delving into the world of wildflowers because it is arranged by the color of the flowers, not by scientific families. This arrangement allows easier and quicker access for finding a specific flower. The size and shape of the book makes it more manageable in field work and flora hunting. (print) Library of Congress Classification: QK188 — Dewey Classification: 582.13

# **Biographical sources**

Gould, Lewis L. Lady Bird Johnson: Our Environmental First Lady. Lawrence, Kansas.: University Press of Kansas, 1999.

Gould shows how Lady Bird's efforts to advance the cause of beautifying highways and the city of Washington, D.C. -- which included attending legislative strategy sessions and lobbying for the programs that she endorsed -- represented a new departure for a First Lady. Equally important, she also thrust the president's wife into the policy making process in a more direct way than any previous First Lady had dared. All in all, Lady Bird Johnson set a high standard for future First Ladies to follow, while raising the environmental awareness of millions of Americans. For those reasons especially, her legacy will endure. *Excerpted from blurb on inside flaps of book.* (print)

Library of Congress Classification: E848 — Dewey Classification: 973.923

#### **Biographical sources** — continued

Appelt, Kahti. <u>Miss Lady Bird's Wildflowers: How a First Lady Changed America</u>. New York: Harper Collins Publishers, 2005.

A biography of Lady Bird Johnson, for elementary- to junior high school-aged readers, who, as the wife of President Lyndon Johnson, worked to educate citizens about the importance of conserving natural resources and promoted the beautification of cities and highways by implementing the planting of wildflowers along Texas' highways, and making sure the mowing of the right-of-ways was timed for optimum re-seeding of the flowers. (print) Library of Congress Classification: E848 — Dewey Classification: 973.923

Perkins, Jack, and Bob Brown. <u>Lady Bird Johnson : The Texas Wildflower</u>. New York: A & E Home Video, 1998. <<u>http://movies.nytimes.com/movie/251224/Biography- Lady-Bird-Johnson-The-Texas-Wildflower/overview</u>> (accessed November 10, 2008)

"Lady Bird Johnson -- The Texas Wildflower" is a 50-minute A&E biographical profile of former first lady Lady Bird Johnson. The program examines Mrs. Johnson's role as a political wife during the critical years following the death of President John F. Kennedy and features her contributions to the Head Start Program, the War on Poverty, and numerous environmental causes. She is credited with funding her husband's first congressional campaign, building a "farflung media empire," and hiring her own personal press secretary. Highlights of the documentary include interviews with former Texas governor Ann Richards, former first lady Hillary Clinton, and the Johnson children. - The New York Times Movies Review Summary (VHS - electronic)

Library of Congress Classification: E848 — Dewey Classification: 973.923

"Some may wonder why I chose wildflowers when there are hunger and unemployment and the big bomb in the world. Well, I, for one, think we will survive, and I hope that along the way we can keep alive our experience with the flowering earth. For the bounty of nature is also one of the deep needs of man." — Lady Bird Johnson

#### **Biographical sources** — continued

- Dawson Dawson-Watson (1864-1939) <<u>http://www.tshaonline.org/handbook/online/articles/DD/fda51.html</u>> (accessed November 18, 2008)
- Ask ART. 2008 <<u>http://www.askart.com/AskART/artists/search/Search\_Repeat.aspx?</u> searchtype=IMAGES&artist=6381> (accessed November 20, 2008)
- Fine Arts of Texas, Inc. San Antonio, Texas. 2008. <<u>http://www.texaspaintings.com/</u> <u>DawsonWatson.htm</u>> (accessed November 20, 2008)
- San Antonio Art League Museum. San Antonio, Texas. 2007. <<u>http://www.saalm.org/</u> watson.html> (accessed November 20, 2008)

In 1918 - 1919, English-born Dawson Dawson-Watson served as director of the San Antonio Art Guild and eventually was attracted to San Antonio as a permanent resident at the urging of several San Antonio art patrons. In 1927, in the first Edgar B. Davis Texas Wildflower Competition, he won the national award for his painting *Glory of the Morning*, a study of cacti. In 1934, he was one of eight local artists commissioned by the Civil Works Administration to execute murals in San Antonio. His paintings are represented in permanent collections at Archer M. Huntington Art Gallery at the University of Texas at Austin; the San Antonio Art League, the San Antonio Museum of Art; and the Daughters of the Republic of Texas Library at the Alamo. (Internet)

# Association information

"Mailorder Gardening Association" Elkridge, Maryland. 2008. <<u>http://www.mailordergardening.com/index.cfm</u>> (accessed November 2, 2008)

Garden catalogs are one of the many resources offered to wildflower fans, which can be gathered via the drop-down menu. Hardiness zone maps, shoppers' tips and kid's gardens are just a few of the topics offered by this <u>http://www.arborday.org/</u> - sponsored Web site. (Internet)

# Journal names

<u>Wildflower : The Magazine of the Lady Bird Johnson Wildflower Center</u>. Austin, Texas: Lady Bird Johnson Wildflower Center. 2006.

Wildflower magazine educates people about how native wildflowers, plants and landscapes affect our lives, not only through their beauty but also through the benefits they provide to ecosystems everywhere. This periodical is issued quarterly (every 3 months) for \$20 per year. (print) Library of Congress Classification: QK86 — Dewey Classification: 639.9

#### Journal names — continued

Green Anole. Austin, Texas: Lady Bird Johnson Wildflower Center. [no date].

Green Anole is a quarterly children's newsletter written for EcoExplorer members. Every issue includes a bloom buzz feature about a plant, a creature feature about wildlife, an eco-puzzle, upcoming events, nature challenge and results. EcoExplorer Memberships are available for children ages 4-18, \$15/year. (print)

#### Websites of value — Evaluated

#### Lady Bird Johnson Wildflower Center

The University of Texas at Austin. "Lady Bird Johnson Wildflower Center." 2007. 2 Nov. 2008. <<u>http://www.wildflower.org</u>/>

The table of contents included in the Lady Bird Johnson Wildflower Center Web site is clear and provides the following headings: About - Visit - Explore Plants - Events - Conservation - Education - Support. Many menu selections are available within this table of contents. This Web site opens with graphic and text browsing very quickly. Parts of the site are translated into Spanish. There is no evidence of bias in the site. It is clearly dedicated to educating wildflower enthusiasts, creating a network of communication for them, and honoring the woman who loved these rainbow-hued wonders of nature. The Center was co-founded with actress Helen Hayes.

The University of Texas at Austin produces this Web site because the Wildflower Center became fully integrated with the school in 2006. It is a peer-reviewed site with an extensive advisory council and worldwide affiliates and partners some of whom are Botanical Research Institute of Texas, Chihuahuan Desert Research Institute, Kansas Native Plant Society, National Wildflower Centre - Liverpool, England, Florida Native Plant Society, Denver Botanic Gardens at Chatfield.

The Web site is copyrighted 2007, but the advisory council for 2008-2009 is listed, as is the Spring 2009 Calendar of Events. Links within the site are self-contained and open to PDF documents which augment the topics under which they are listed. The Lady Bird Johnson Wildflower Center Web site is as stable as the University to which it is connected, and performs internationally influential research. The Wildflower Center continues to receive huge grants for its operations and research. The scope of this Web site definitely meets the searchers' needs.

"The founding of the National Wildflower Research Center was my way of repaying some of the debt for the delight and sustenance Nature has given me all my life." — Lady Bird Johnson

#### Wildseed Farms

Thomas, John R. "Wildseed Farms." 2008. 10 Nov. 2008. < http://www.wildseedfarms.com/>

Wildseed Farms Web site is copyrighted 2008 and displays a clear and concise table of contents. The text and graphics open quickly and the site is easily navigated. It is a vanity site with bias as it offers items for sale, but these items are mostly wildflower seeds, custom seed packets, bird feeders, garden products and books. Some other products for sale are jams and jellies, salsas, pickles, vegetables, sauces and marinades.

The links from the site are related to gardening and the town nearby where Wildseed Farms is located. Links include, but are not limited to The American Nursery and Landscape Association, The Mailorder Gardening Association, Better Business Bureau Online, and Fredericksburg Chamber of Commerce's official Web site.

Hill Country Online produces this Web site. They offer a "Contact" page with address, phone and fax numbers, but no individual's name is present from this company. The Web sites and print brochures they have created for businesses in Fredericksburg are available to view and the Web site examples are actually linked back to the businesses using Hill County Online.

Wildseed Farms touts themselves as the world's largest working wildflower seed farm with 1,000 acres in production. Over 350,000 visitors stop in yearly to see the flowers and butterfly haus. The credentials for owner and operator of Wildseed Farms, John R. Thomas, can be verified by the various honors and accolades bestowed upon him by his industry. According to one Web page, his expertise is sought by the Texas Highway Department and he has been honored by Texas A&M University for his horticultural work, securing the stability of this Web site.

The online shopping for wildflower seeds comes complete with the names of the flowers, photo and seedling identification, germination time, sowing depth, blooming period, watering needs, and regional planting maps, and more. This Web site could be considered an authority on wildflower planting and care.

#### **Drip Irrigation Design Guidelines**

Stryker, Jess. "Drip Irrigation Design Guidelines." 2008. 25 Nov. 2008. <<u>http://www.irrigationtutorials.com/dripguide.htm</u>>

The copyright date for Jess Stryker, 2008 is located at the bottom of every page within the Web site. This Web site's home page offers quick downloads of text and graphics with a very clear table of contents and excellent navigation. The initial and basic information is laid out with an index to drip irrigation guidelines. Within the text are links to more in-depth instructions, skillful diagrams and representative photographs.

#### **Drip Irrigation Design Guidelines** — *continued*

Jess Stryker, the creator of this non-vanity Web site, says it best: You've just found the web's mother lode of free irrigation information! Best of all, it's all FREE! This website is not affiliated with any irrigation, sprinkler, or drip equipment manufacturer, supplier, or installer; so the tutorials are independent and not biased toward selling a particular service, product or brand. I hope you find the information here useful. Stryker is not trying to sell anything from his site. It is truly a most in-depth free information sharing Web site.

Stryker's information in the "Contact" area says he graduated from California Polytechnic State University with a degree in Agronomy (agriculture, crop science). He worked as an irrigation foreman for a large citrus ranch. He also had a job as an irrigation designer for a wholesale irrigation supply store in Fresno, California, putting into practice his extensive background in irrigation from school.

Jess Stryker has one sponsor for his site, a link to — ARBICO Organics, which for the past thirty years has been in the business of producing and marketing sustainable, environmental products, specializes in sustainable environmental alternatives where balance and cooperation with nature are strengthened. ARBICO offers all the supplies necessary for sustainable growing and boasts the most extensive list of beneficial insects and organisms in the world. ARBICO's mission: "Participate with a global team in providing environmental products that re-awaken the human spirit and bring the world into harmony." Related "ads by Google" are located one the left side of the site. This Web site has a 2008 copyright.

The stability and credibility of landscape architect Jess Stryker's Web sites (he links the searcher to his landscape tutorials, historic hotels and lodges [virtual tours] and his personal and business Web sites) seem overwhelmingly certain. Each page has a Google custom search box for navigation throughout the drip irrigation site. His privacy policy, effective February 1, 2008, was last updated May 24, 2008.

## **Work Cited**

Lyndon Baines Johnson Library and Museum. 2008. "Lady Bird Johnson Final Tribute: In Her Own Words." 10 Nov. 2008. <<u>http://www.ladybirdjohnsontribute.org</u>/>



## Lady Bird Johnson in a field of wildflowers

Photo public domain - LBJ Library Photo by Frank Wolfe - 05/10/1990 <<u>http://www.lbjlib.utexas.edu/johnson/AV.hom/images/ladybird/D9081-6/D9081-6.shtm</u>>